

## CLAIMS:

1. A lighting unit provided with a concave reflector having an axis of symmetry and with a light emission window bounded by an edge of the reflector which surrounds the axis transversely thereto,
  - an elongate light source which is axially arranged substantially on the axis of symmetry and which is accommodated in a holder opposite the light emission window, and
  - an axially positioned cap serving as an optical screening means that partly surrounds the light source for intercepting unreflected light rays, characterized in that the cap forms part of a sleeve surrounding the light source.
- 10 2. A lighting unit as claimed in claim 1, characterized in that the cap is provided with an edge which is impermeable to light and which extends transversely to the axis of symmetry.
3. A lighting unit as claimed in claim 2, characterized in that the edge is formed
- 15 as a transition between the cap and a sleeve portion located between the cap and the holder.
4. A lighting unit as claimed in claim 1, characterized in that the cap is surrounded at a distance  $d$  by a screening ring which is impermeable to light and which extends over a height  $h$  in the direction of the light emission window.
- 20 5. A lighting unit as claimed in any one of the preceding claims, wherein the reflector and the light source are indetachably integrated into a lamp.
6. A lamp as claimed in claim 5, characterized in that the lamp is a metal halide
- 25 lamp with a ceramic discharge vessel.